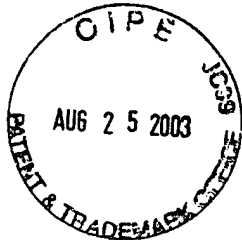


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2661 #2  
BT  
9-4-03

Applicant: Itshak Bergel  
Title: USE OF TRELLIS ALGORITHM FOR WEIGHT DETECTION IN CLOSED LOOP DIVERSITY MODE

Docket No.: 884.645US1  
Filed: January 31, 2002  
Examiner: Unknown



Serial No.: 10/066274  
Due Date: N/A  
Group Art Unit: 2661

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AUG 27 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2600

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Information Disclosure Statement (1 pg.), Form 1449 (1 pg.), and copies of 1 cited documents.
- ☒ Copy of Search Report for PCT/IB03/00333, mailed May 22, 2003 (2 pgs.).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Ann M. McCrackin  
Atty: Ann M. McCrackin  
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of August, 2003.

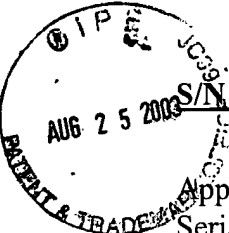
KACIA LEE  
Name

Kacia Lee  
Signature

**Customer Number 21186**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)



S/N 10/066274

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Itshak Bergel  
Serial No.: 10/066274  
Filed: January 31, 2002  
Title: USE OF TRELLIS ALGORITHM FOR WEIGHT DETECTION IN CLOSED LOOP DIVERSITY MODE  
Assignee: Intel Corporation

Examiner: Unknown  
Group Art Unit: 2661  
Docket: 884.645US1  
Customer No.: 21186

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**INFORMATION DISCLOSURE STATEMENT**

AUG 27 2003

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Alexandria, VA 22313-1450

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In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered. Applicant also notes that the enclosed document was first brought to Applicant's attention via an International Search Report in PCT/IB03/00333, mailed May 22, 2003, a copy of which is enclosed.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ITSHAK BERGEL

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, Minnesota 55402  
(612) 349-9592

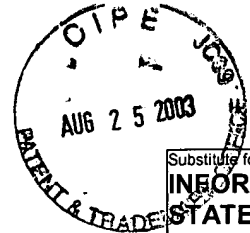
Date Aug 22, 2003

By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of August, 2003.

KACIA LEE  
Name

Kacia Lee  
Signature



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

**Application Number** 10/066274

**Filing Date** January 31, 2002

**First Named Inventor** Bergel, Itshak

**Group Art Unit** 2661

**Examiner Name** Unknown

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AUG 27 2003

Sheet 1 of 1

**Attorney Docket No:** 884.645US1

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**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		HOU, W S., et al., "Adaptive Detection in Asynchronous Code-Division Multiple-Access System in Multipath Reading Channels", <u>IEEE Transactions on Communications</u> , 48, IEEE Inc. NY, US, (May 2000), 863-874	

**EXAMINER**

**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached